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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Benson et al.	Group Art Unit:	1632
Serial No.:	10/028,224	Examiner:	C. Smith
Filed:	December 21, 2001	Docket No.:	00403.CN1
		Confirmation No.:	4497

Title: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF GLYCOSYLATED HUMAN BETA SECRETASE, AN ENZYME IMPLICATED IN ALZHEIMER'S DISEASE

Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

X An itemized return postcard.
___ A Petition for Extension of Time for __ month(s) and a check in the amount of $___ for the required fee.
X An Information Disclosure Statement (3 pgs); copies of 4 applications; 1449 forms (2 pgs); and copies of 21 documents cited on the 1449 forms.
___ A check in the amount of $___, for __.
___ A certified copy of a __ application, Serial No. __, filed _____, the right of priority of which is claimed under 35 U.S.C. §119.
___ Other:
___ Amendment ___ No Additional fee is required. __ The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x $18 =	
Independent Claims				x $84 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add $280 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

CERTIFICATE UNDER 37 C.F.R. §1.8: The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202, on this 9 day of **SEPTEMBER, 2002.**

MUETING, RAASCH & GEBHARDT, P.A.
Customer Number: 26813



26813
PATENT TRADEMARK OFFICE

By: _____
Name: Loren D. Albin
Reg. No.: 37,763
Direct Dial: 612-305-1225
Facsimile: 612-305-1228

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.8)

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PATENT
Docket No. 00403.CN1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Benson et al.	Group Art Unit:	1632
Serial No.:	10/028,224	Examiner:	C. Smith
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For: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF GLYCOSYLATED HUMAN BETA SECRETASE, AN ENZYME IMPLICATED IN ALZHEIMER'S DISEASE

#11
Plunkett
9/17/02

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Applicants also wish to bring the Examiner's attention to the following pending U.S. Applications, as well as any prior art and any provisional U.S. patent applications referenced therein. A copy of each of the below-listed pending U.S. Patent Applications is provided herewith.

List of Pending Non-Published U.S. Patent Applications

Applicant(s)	Application Number	Filing Date	Serial No. of Provisional Application to which listed Application claims priority
Benson et al.	10/144,441	05/10/02	N/A
Benson et al.	10/143,502	05/10/02	60/290,107
Benson et al.	10/143,723	05/10/02	60/334,648 and 60/290,120
Benson et al.	60/379,690	05/10/02	N/A

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

Respectfully submitted for

Benson et al.
By
Mueting, Raasch & Gebhardt, P.A.
P.O. Box 581415
Minneapolis, MN 55458-1415
Phone: (612)305-1220
Facsimile: (612)305-1228
Customer Number 26813



26813
PATENT TRADEMARK OFFICE

CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202, on this 9 day of **SEPTEMBER, 2002.**

Loren D. Albin

September 9, 2002
Date

By:
Loren D. Albin
Reg. No. 37,763
Direct Dial (612)305-1225

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 00403.CN1	Serial No.: 10/028,224
	Applicant(s): Benson et al.	Confirmation No.: 4497
	Application Filing Date: Dec. 21, 2001	Group: 1632
	Information Disclosure Statement mailed: September 9, 2002	

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,744,346	04/28/98	Chrysler et al.			
		5,942,400	08/24/99	Anderson et al.			
		6,297,021 B1	10/02/01	Nienaber et al.			
		6,420,534 B1	07/16/02	Gurney et al.			
		6,440,698 B1	08/27/02	Gurney et al.			
		2002/0037315 A1	03/28/02	Gurney et al.			
		2002/0049303 A1	04/25/02	Tang et al.			
		2002/0055459 A1	05/09/02	Chopra et al.			
		2002/0064819 A1	05/30/02	Gurney et al.			
		2002/0081634 A1	06/27/02	Gurney et al.			
		2002/0115600 A1	08/22/02	Koelsch et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
		WO 01/17369 A2	03/30/00	PCT				
		WO 01/49097 A2	07/12/01	PCT				
		WO 02/053594 A2	07/11/02	PCT				
		WO 02/25276 A1	03/28/02	PCT				

EXAMINER	Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 00403.CN1	Serial No.: 10/028,224
	Applicant(s): Benson et al.	Confirmation No.: 4497
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OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial		Document Description
		Brünger, "X-PLOR: Version 3.1, a System for X-Ray Crystallography and NMR", Yale University Press, New Haven & London, 1992; cover page, publication page and table of contents: 13 pages.
		Brünger et al., "Slow-cooling protocols for crystallographic refinement by simulated annealing," *Acta Crystallogr A.* 1990 Jul 1;*46*(Pt 7):585-93.
		"CNX: Crystallography and NMR eXplorer" datasheet, Accelrys Corporate Headquarters, San Diego, CA (2001). [retrieved August 30, 2002 from the ~~Internet: <URL: http://www.accelrys.com>; 2 pgs.]~~
		Epps et al., "The ligand affinity of proteins measured by isothermal denaturation kinetics," *Anal Biochem.* 2001 May 1;*292*(1):40-50.
		Otwinowski, "Maximum Likelihood Refinement of Heavy Atom Parameters," *Isomorphous Replacement and Anomalous Scattering*, Wolf et al., eds., Science & Engineering Research Council, Daresbury Laboratory, Warrington, U.K., Proceedings of the CCP4 Study Weekend, 25-26 Jan. 1991; pages 80-86.
		Research Collaboratory for Structural Bioinformatics, "Protein Data Bank," [online] United States; retrieved August 30, 2002 from the Internet: <URL: ~~http://www.rcsb.org/pdb/> 8 pages~~.

EXAMINER	Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.